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Aktenzeichen/File No./No. du Dossier

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03.02.04

Das Europäische Patentamt übermittelt hiermit den Standardrecherchenbericht zu dem unten bezeichneten Antrag; Kopien der im Recherchenbericht angeführten Schriften werden in der Anlage beigelegt.

The European Patent Office herewith transmits the Standard Search Report relating to the request indicated below; copies of the documents cited in the search report are enclosed.

L'Office Européen des Brevets à l'honneur de vous transmettre ci-joint le Rapport de Recherche concernant la demande désignée ci-dessous; des copies des documents cités sont jointes.

Zeichen und Datum des Antrages Applicant's reference and date Références et date de la demande	CL/V33230P1/PROV/CVA
Dokument, Gegenstand der Recherche Document subject of the search Objet de la recherche	USP 49101403
Einreichungstag Filing date Date de dépôt	30/07/2003
Beanspruchte Priorität Priority claimed Priorité revendiquée	

OFFICE EUROPÉEN DES BREVETS  
Pour le Vice-Président,

S. Reid



DOCUMENTS CONSIDERED TO BE RELEVANT														
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim												
Y	WO 99 33642 A (NOVARTIS ERFIND VERWALT GMBH ;NOVARTIS AG (CH); ZHANG XIAOXIAO (US) 8 July 1999 (1999-07-08) * page 1, paragraph 5 - page 2, paragraph 2 * * page 3, paragraph 3 - page 9, paragraph 1 * * claim 1 *	1,2,6, 17,18,57												
A		38,40, 41,54,55												
D,Y	US 5 989 923 A (MAYES ANDREW GEOFFREY ET AL) 23 November 1999 (1999-11-23) * column 2, line 48 - line 60 * * claims 1,7 *	1,2,6, 17,18,57												
A	US 5 997 140 A (HOFMANN MANFRED ET AL) 7 December 1999 (1999-12-07) * column 2, line 20 - line 41 * * column 6, line 64 - column 7, line 38 * * column 17, line 34 - column 18, line 10 *	1-6												
D,A	US 6 303 687 B1 (MUELLER BEAT) 16 October 2001 (2001-10-16)  * column 1, line 7 - line 13 * * column 2, line 6 - column 5, line 50 *	7-9, 25-27, 46,47, 57,62-64												
D,A	US 5 849 841 A (MUELLER BEAT ET AL) 15 December 1998 (1998-12-15) * column 1, line 63 - column 2, line 29 *	12,30, 50,67												
A	US 2003/107786 A1 (BABLUMYAN ARKADY) 12 June 2003 (2003-06-12) * claims 1,7,8,13 *	38,41												
The present search report has been drawn up for all claims														
Date of completion of the search 28 January 2004		Examiner Krametz, E												
<table border="0"><tr><td>CATEGORY OF CITED DOCUMENTS</td><td>T : theory or principle underlying the invention</td></tr><tr><td>X : particularly relevant if taken alone</td><td>E : earlier patent document, but published on, or after the filing date</td></tr><tr><td>Y : particularly relevant if combined with another document of the same category</td><td>D : document cited in the application</td></tr><tr><td>A : technological background</td><td>L : document cited for other reasons</td></tr><tr><td>O : non-written disclosure</td><td></td></tr><tr><td>P : intermediate document</td><td>&amp; : member of the same patent family, corresponding document</td></tr></table>			CATEGORY OF CITED DOCUMENTS	T : theory or principle underlying the invention	X : particularly relevant if taken alone	E : earlier patent document, but published on, or after the filing date	Y : particularly relevant if combined with another document of the same category	D : document cited in the application	A : technological background	L : document cited for other reasons	O : non-written disclosure		P : intermediate document	& : member of the same patent family, corresponding document
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X : particularly relevant if taken alone	E : earlier patent document, but published on, or after the filing date													
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A : technological background	L : document cited for other reasons													
O : non-written disclosure														
P : intermediate document	& : member of the same patent family, corresponding document													

## INTERNATIONAL SEARCH REPORT

 International Application No  
 PCT/EP2004/006492

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01N21/77 G03H1/02 A61B5/00 B29C35/08

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01N G03H A61B B29C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2003/027240 A1 (LEDNEV IGOR K ET AL) 6 February 2003 (2003-02-06)	1-5, 8, 23, 27, 28, 30, 31, 45, 48, 49, 61-63, 65, 66
A	paragraphs '0004!, '0018! - '0021!, '0024! examples 1-4.	9-11, 24-26, 32, 35, 38, 46, 47, 52-54 50-60
X	----- -/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

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- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- \*&\* document member of the same patent family

Date of the actual completion of the international search

11 October 2004

Date of mailing of the international search report

26/10/2004

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International Application No

PCT/EP2004/006492

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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Y	WO 99/33642 A (NOVARTIS ERFIND. VERWALT GMBH ; NOVARTIS AG (CH); ZHANG XIAOXIAO (US);) 8 July 1999 (1999-07-08)  page 2, paragraph 5 - page 3, paragraph 2 page 4, paragraph 1 - page 5, paragraph 1 page 12, paragraph 4 - page 13, paragraph 2 claims 7,8	1-5,8, 23,27, 28,30, 31,45, 48,49, 61-63, 65,66
X		11-22, 24-26, 29, 32-44, 46,47
A	US 6 303 687 B1 (MUELLER BEAT) 16 October 2001 (2001-10-16) cited in the application  column 1, line 7 - line 13 column 2, line 31 - line 67 column 4, line 50 - column 5, line 3 column 5, line 30 - line 45 column 5, line 56 - column 6, line 21 column 11, line 1 - line 8 column 13, line 17 - line 19	6,7, 16-19, 22,34, 39-41, 44,51, 55-57,60
A	US 3 993 485 A (TOMLINSON III WALTER JOHN ET AL) 23 November 1976 (1976-11-23) column 13, line 14 - line 31	13-15,33
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A	US 5 835 245 A (CHESAK ERIC ET AL) 10 November 1998 (1998-11-10) column 5, line 61 - line 63	10,26, 38,54